

Review of: "Pedogenic Characterization of Alluvium-Derived Soils in the Arid Region of Rajasthan, India"

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Potential competing interests: No potential competing interests to declare.

The introduction is not well structured, and the problematic of the study is not well defined. As it is, it seems like there is nothing to do/discover. The author has described the soils and even given their classification. The author mentions only one reference. If the other data are from the author's investigation (unpublished), they should move to the results section. The introduction is completely to be rewritten. Generally, an introduction must comprise 3 paragraphs: (1) Setting up the context of the study in general terms, (2) Explaining exactly what problem the study addresses, i.e., what is not known or what remains under debate from earlier studies, (3) Discussing how this study goes about addressing the problem identified in paragraph #2.

The objective, as mentioned, does not match the title of the article. The uniformity of the parent rock is examined in four lines in the discussion section with very weak evidence.

The legend (abbreviations) at the bottom of Table 2 should move to Table 1, and then write 'See Table 1 for the list of abbreviations' at the bottom of Table 2.

The chapter 'Results and discussion' is poorly documented. The author missed to discuss the data with robust reasoning. There are few references which are also too old.

The conclusions are missing.

The topic is interesting, but the manuscript, at this stage, is not yet mature enough to be published. There is still so much work as far as the introduction and the discussion are concerned. I suggest major revision.